

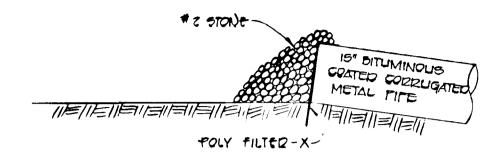
- 1. Site Preparation Notes A. Harrow or disc in areas proposed to be seeded the following materials
 - 1) Pulverized limestone at 2 tons/acre.
 - 2) Commercial fertilizer 10-10-10 at 3/4 tons/acre.
- 3) Super phosphate at 600 lbs./acre.
- A. Sow the following seed mixture at the rate of 200 lbs./acre with a mechanical spreader.
- 1) Permanent: 40% Marion Blue Grass, 40% South Dakota Blue Grass and 20% Penn Lawn Creeping Fescue.
- B. The seeded area shall then be raked with a York Rake (a minimum of 2 passes) covered and compacted with Cultipacker or other approved method.

. Mulching

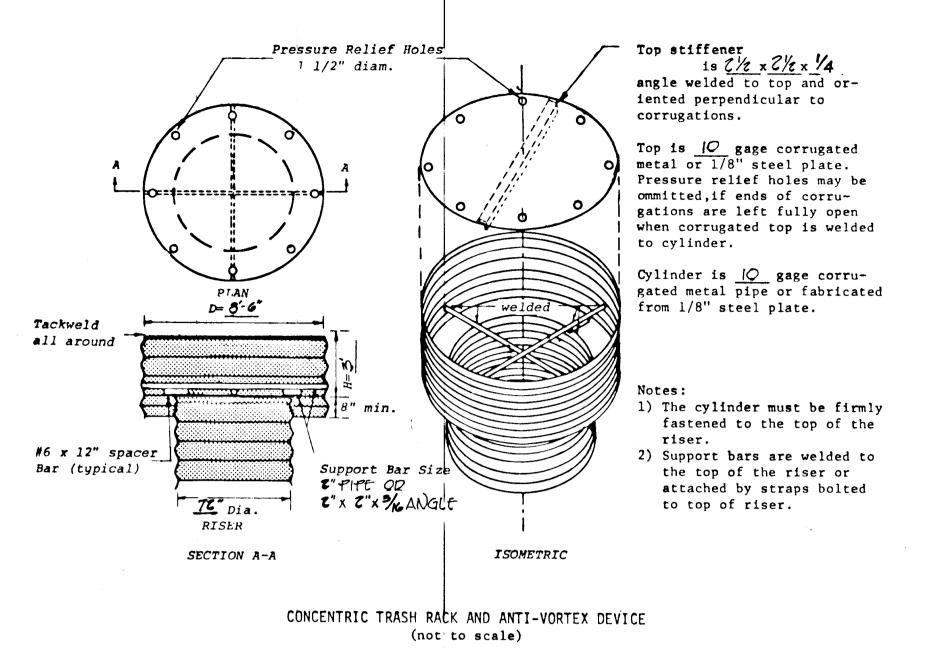
- A. Seeded areas shall be uniformly mulched immediately after seeding with unweathered small grain straw at the rate of 1 1/2 - 2 tons/acre.
- B. Tie mulch down with liquid asphalt at 0.1 gal./s.y. or emulsified asphalt at 0.04 gal./s.y. or mulch netting.

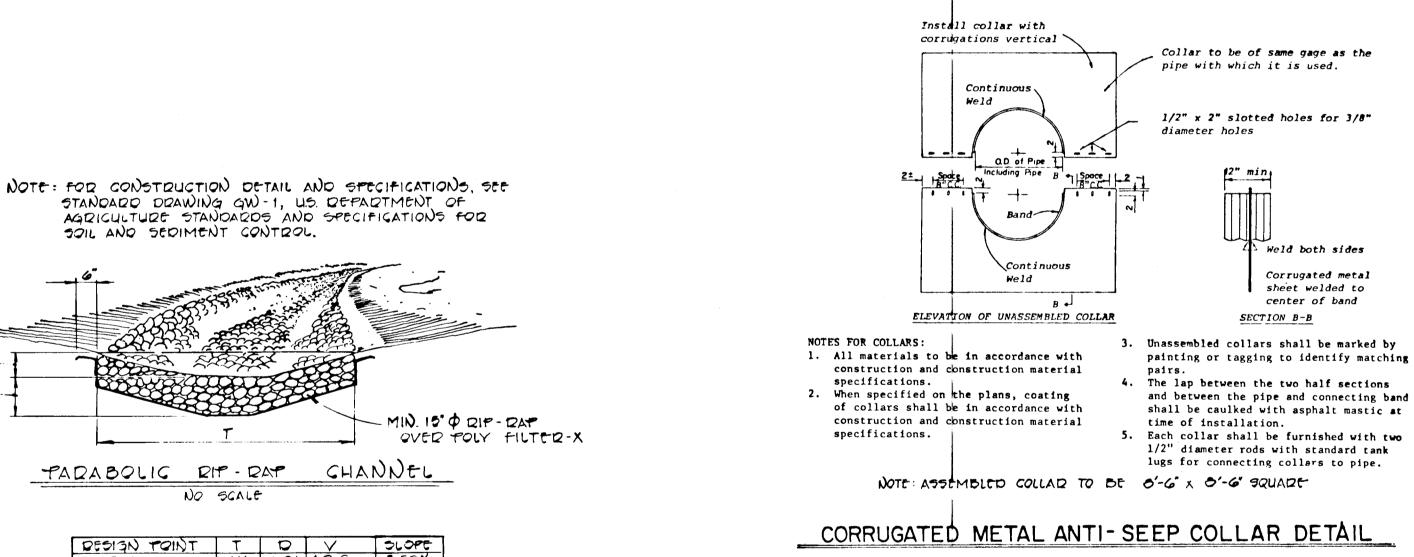
CONSTRUCTION SEQUENCE

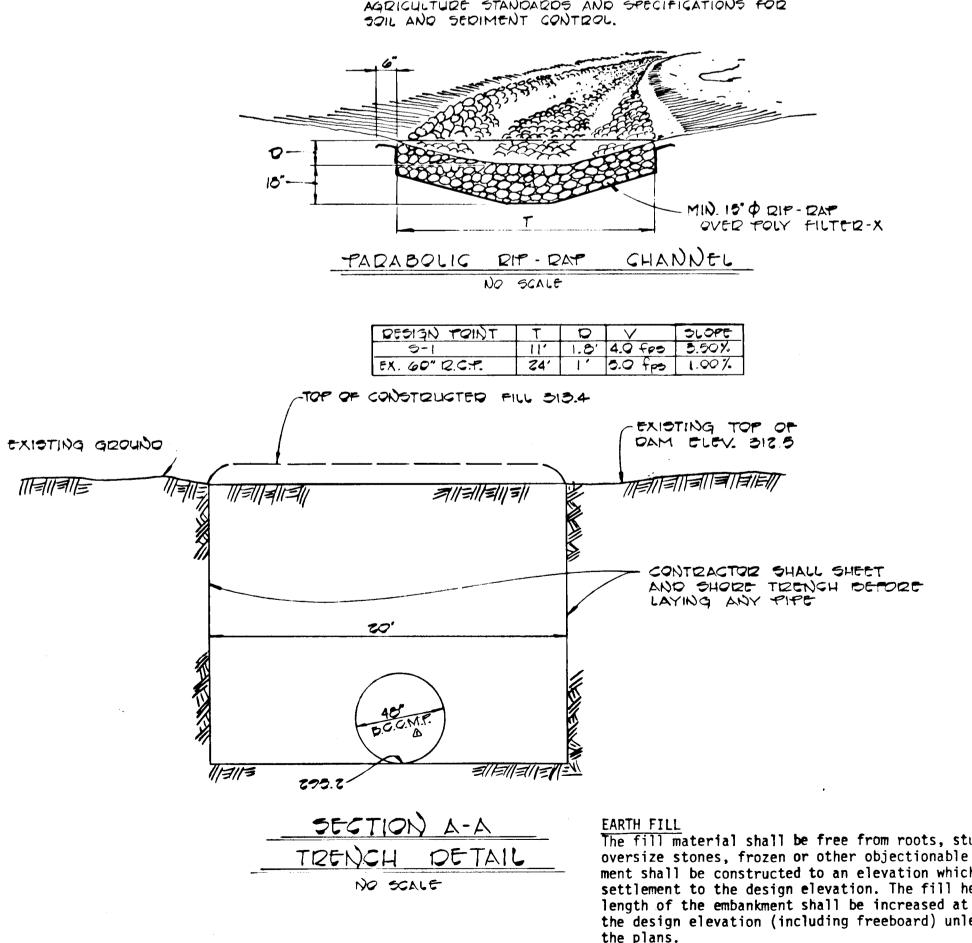
- 1) INSTALL 15" ORIFICE, RISER PIPE AND SPILLWAY PIPE. CONTRACTOR SHALL BLOCK 15" CMP IN ACCORDANCE WITH
- DETAIL THIS SHEET. 2) CONSTRUCT PARABOLIC RIT-RAT WATERWAY AND STABILIZE WITH
- PERMANENT SEEDING.
- 3) REMOVE EXISTING 24" R.C.P. PIPES. 4) CONTRACTOR SHALL STABILIZE ALL DISTURBED AREAS WITH PERMANENT
- SEEDING. 5) REMOVE SEDIMENT FROM POND AND USE FOR BACKFILL FOR BASIN AT
- NORTHEAST PROPERTY CORNER. STABILIZE WITH PERMANENT SEEDING. 6) REMOVE EXISTING 15" PIPE THAT WAS USED FOR FIRE POND OPERATION
- AND OPEN 15" ORIFICE PIPE.



DLOCKING DETAIL @ 15" C.A.P.







STANDADO DDAWING GW-1, U.S. DEPADTMENT OF

The fill material shall be free from roots, stumps, wood, rubbish, oversize stones, frozen or other objectionable materials. The embankment shall be constructed to an elevation which provides for anticipated settlement to the design elevation. The fill height all along the length of the embankment shall be increased at least 5 percent above the design elevation (including freeboard) unless otherwise shown on

> Areas on which fill is to be placed shall be scarified prior to placement of fill. Fill materials shall be placed in 8-inch maximum thickness (before compaction) layers which are to be continuous over the entire length of the fill. The most porous fill material shall be placed in the downstream portions of the embankment. Compaction 95% of Standard Proctor by A.S.T.M. 698

0-10-03 ALUM. FIFE TO BIT. COATED METAL Rev. Date | Rev. No Revision Description

NOT TO SCALE

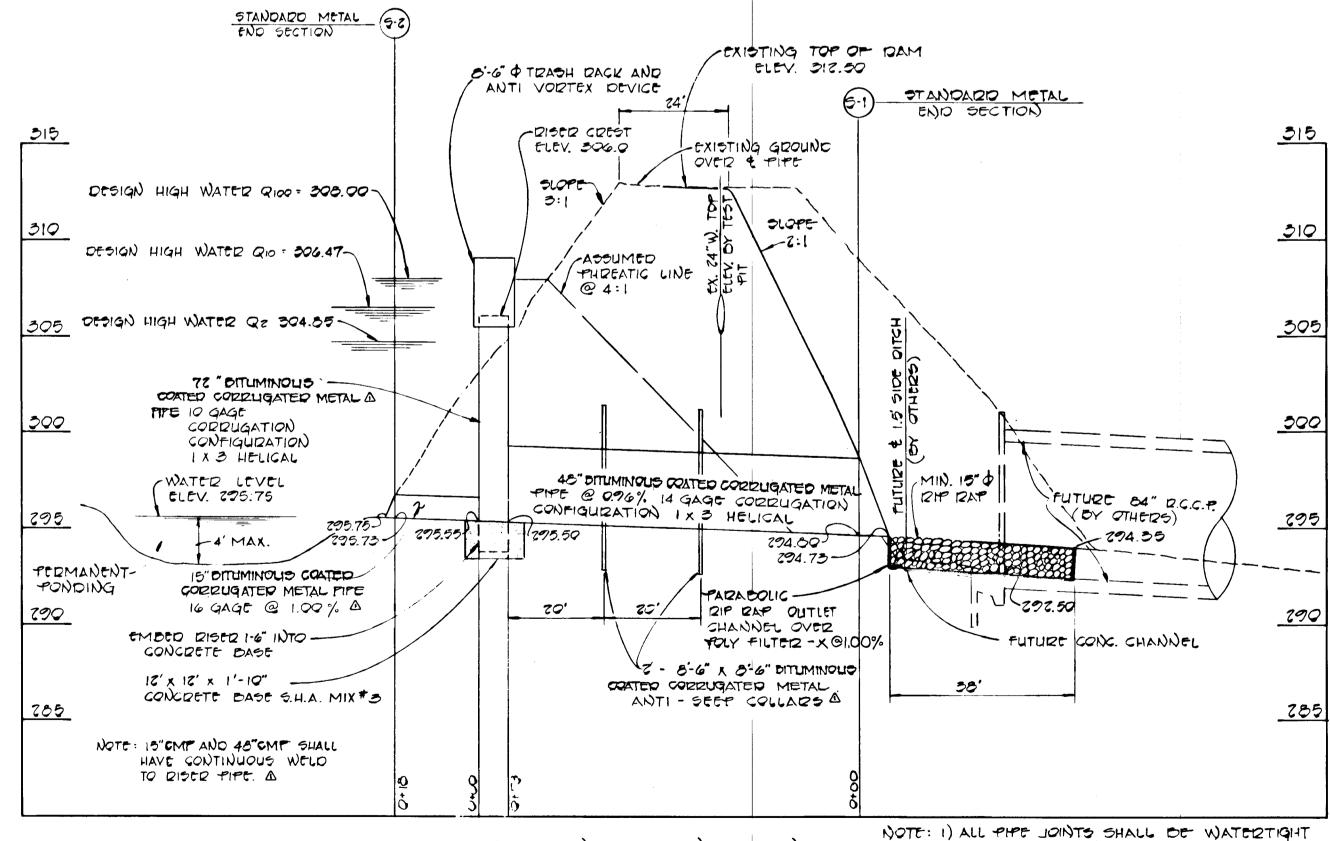
COLUMBIA

HOWARD RESEARCH AND DEVELOPMENT CORP.

PROJECT AREA PARCEL D-I GUILFORD INDUSTRIAL PARK E.G.U. SUBDIVISION

PROJECT TITLE STORM WATER MANAGEMENT POND DETAIL SHEET

Des. By C. CROVO Scale AS SHOWN Dwg. No. 2 OF 2 Date MARCH 10,1982 C.C.F. No. Orn. By A. BOGDAN Chk. By R. CARTER Approved



STORM WATED MANAGEMENT POND PROFILE SCALE = 1" = 50" HOR. 5/29/82 DATE

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> OWNER AND DEVELOPER THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION 10275 LITTLE PATUXENT PARKWAY

> > COLUMBIA MARYLAND 21044

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